

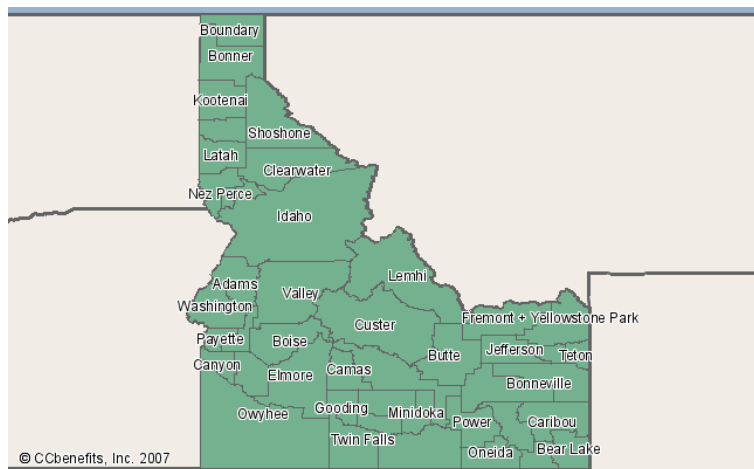
Professional Technical Education



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Career Cluster Report

Career Cluster Report



Report produced by CCbenefits, Inc. www.ccbenefits.com
Data by Economic Modeling Specialists, Inc. www.economicmodeling.com

Career Cluster Report

Region: All Idaho

States: Idaho

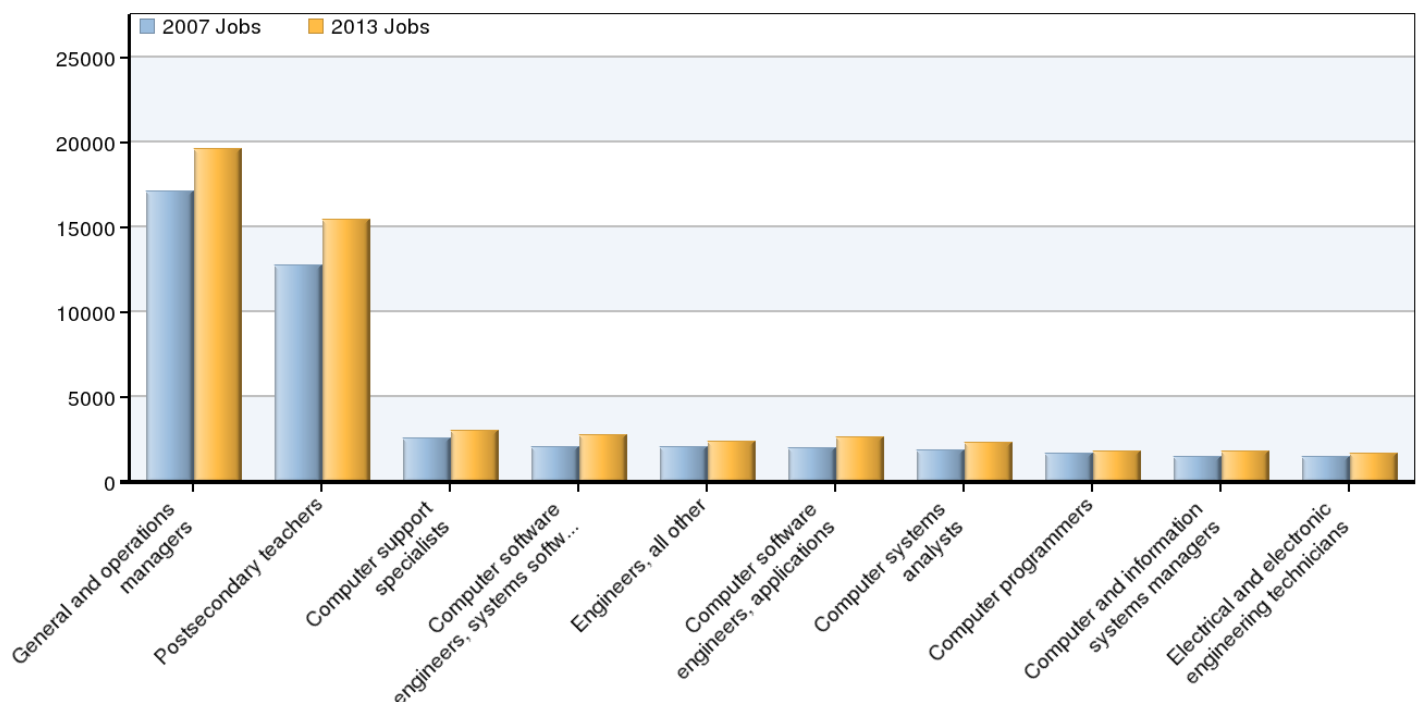
Executive Summary for Scientific Research/Engineering Career Cluster

Education	2007 Jobs	2013 Jobs	Change	Replacement	2006 Hourly EPW
Moderate-term on-the-job training	670	712	43	144	\$12.63
Long-term on-the-job training	635	739	103	55	\$12.37
Postsecondary vocational award	961	1,007	45	158	\$16.52
Associate's degree	4,959	5,742	784	491	\$17.72
Bachelor's degree	22,933	27,642	4,709	2,378	\$27.90
Degree plus work experience	18,567	21,351	2,784	2,021	\$24.68
Master's degree	1,608	1,874	266	178	\$23.99
Doctoral degree	13,413	16,235	2,822	1,731	\$24.22
	63,746	75,302	11,556	7,154	\$24.80

Source: Economic Modeling Specialists, Inc. - 8/07

Largest Occupations

Largest Occupations 2007



Source: CCbenefits, 2007

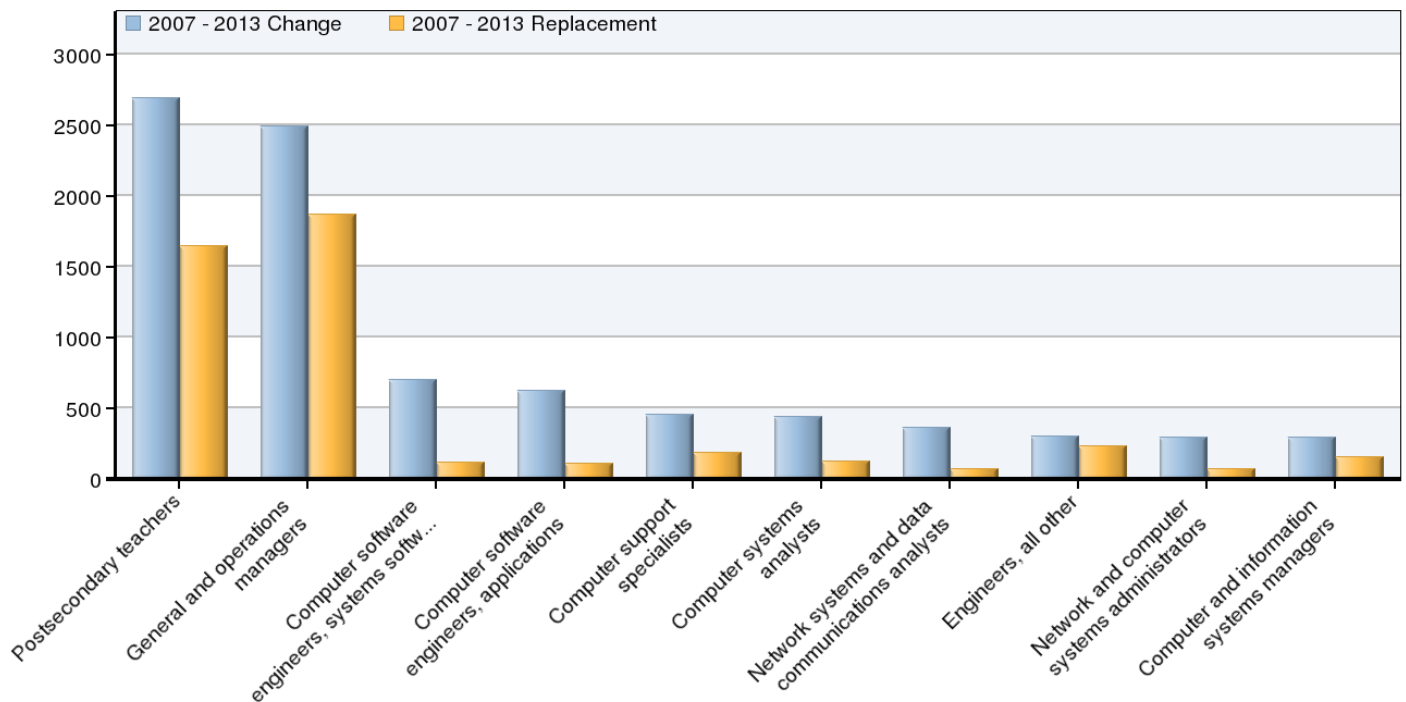
SOC Code	Description	2007 Jobs	2013 Jobs	Change	2006 Hourly EPW	Education
11-1021	General and operations managers	17,091	19,585	2,494	\$24.14	Degree plus work experience
25-1099	Postsecondary teachers	12,725	15,419	2,693	\$23.94	Doctoral degree
15-1041	Computer support specialists	2,567	3,024	457	\$16.65	Associate's degree
15-1032	Computer software engineers, systems software	2,068	2,765	697	\$34.28	Bachelor's degree
17-2199	Engineers, all other	2,068	2,371	303	\$32.87	Bachelor's degree

15-1031	Computer software engineers, applications	1,985	2,611	626	\$30.72	Bachelor's degree
15-1051	Computer systems analysts	1,857	2,298	441	\$28.83	Bachelor's degree
15-1021	Computer programmers	1,684	1,807	123	\$21.20	Bachelor's degree
11-3021	Computer and information systems managers	1,476	1,767	290	\$31.01	Degree plus work experience
17-3023	Electrical and electronic engineering technicians	1,461	1,655	195	\$21.42	Associate's degree
17-2051	Civil engineers	1,334	1,459	125	\$24.66	Bachelor's degree
27-1024	Graphic designers	1,179	1,400	221	\$15.89	Bachelor's degree
15-1071	Network and computer systems administrators	1,087	1,379	292	\$21.75	Bachelor's degree
15-1081	Network systems and data communications analysts	1,086	1,451	365	\$15.77	Bachelor's degree
17-2112	Industrial engineers	1,084	1,287	204	\$33.84	Bachelor's degree
19-2041	Environmental scientists and specialists, including health	848	1,013	166	\$24.36	Master's degree
17-2071	Electrical engineers	666	776	109	\$33.57	Bachelor's degree
27-3042	Technical writers	658	801	143	\$21.21	Bachelor's degree
17-3031	Surveying and mapping technicians	652	692	40	\$12.61	Moderate-term on-the-job training
17-3011	Architectural and civil drafters	620	638	18	\$16.78	Postsecondary vocational award
17-2141	Mechanical engineers	577	664	88	\$27.01	Bachelor's degree
15-1061	Database administrators	513	659	146	\$25.45	Bachelor's degree
17-2161	Nuclear engineers	509	619	110	\$47.99	Bachelor's degree
17-2072	Electronics engineers, except computer	500	570	70	\$34.81	Bachelor's degree
27-2099	Entertainers and performers, sports and related workers, all other	488	569	81	\$12.03	Long-term on-the-job training
19-1023	Zoologists and wildlife biologists	441	508	66	\$19.14	Bachelor's degree
19-2031	Chemists	427	500	73	\$28.71	Bachelor's degree
19-1031	Conservation scientists	394	422	28	\$25.54	Bachelor's degree
17-2061	Computer hardware engineers	380	454	74	\$35.64	Bachelor's degree
17-2081	Environmental engineers	339	420	81	\$25.69	Bachelor's degree

Source: Economic Modeling Specialists, Inc. - 8/07

Largest Growth

Largest Growth 2007 - 2013



Source: CCbenefits, 2007

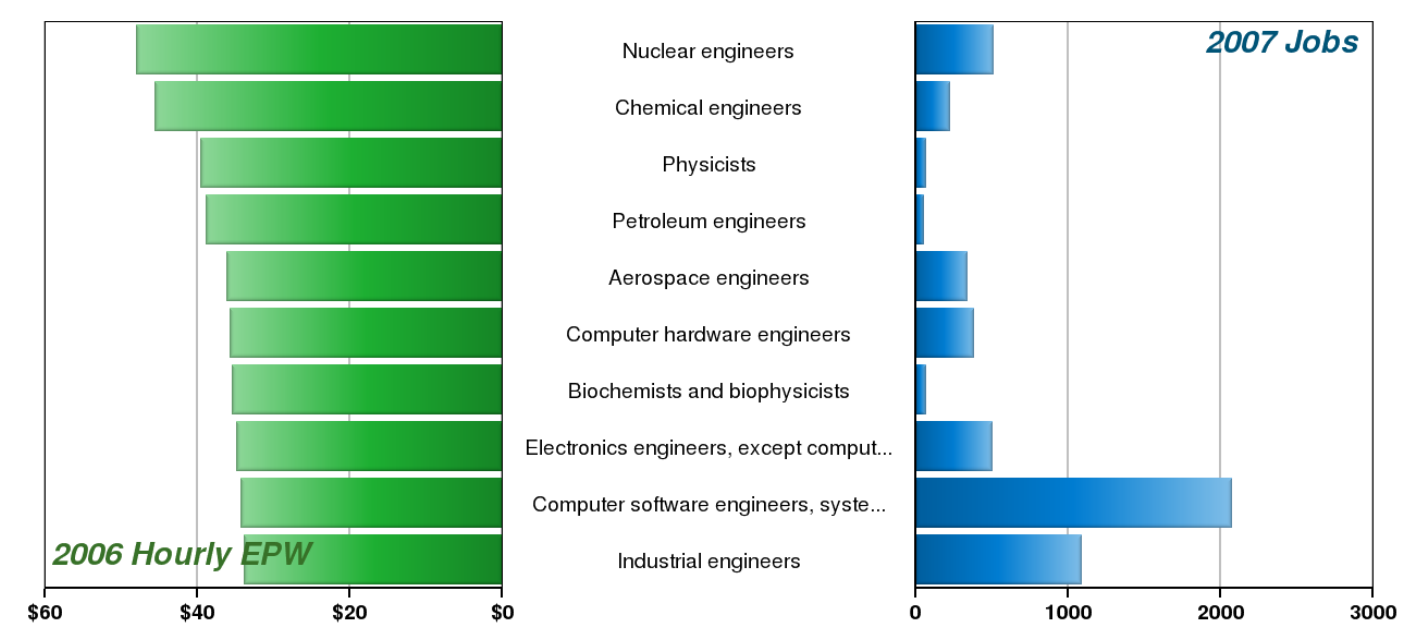
SOC Code	Description	2007 - 2013 Change	Replacement	Annual Openings	Hourly EPW	Education
25-1099	Postsecondary teachers	2,693	1,647	275	\$23.94	Doctoral degree
11-1021	General and operations managers	2,494	1,867	311	\$24.14	Degree plus work experience
15-1032	Computer software engineers, systems software	697	114	19	\$34.28	Bachelor's degree
15-1031	Computer software engineers, applications	626	110	18	\$30.72	Bachelor's degree
15-1041	Computer support specialists	457	181	30	\$16.65	Associate's degree
15-1051	Computer systems analysts	441	119	20	\$28.83	Bachelor's degree
15-1081	Network systems and data communications analysts	365	71	12	\$15.77	Bachelor's degree
17-2199	Engineers, all other	303	228	38	\$32.87	Bachelor's degree
15-1071	Network and computer systems administrators	292	68	11	\$21.75	Bachelor's degree
11-3021	Computer and information systems managers	290	154	26	\$31.01	Degree plus work experience
27-1024	Graphic designers	221	90	15	\$15.89	Bachelor's degree
17-2112	Industrial engineers	204	151	25	\$33.84	Bachelor's degree
17-3023	Electrical and electronic engineering technicians	195	177	30	\$21.42	Associate's degree
19-2041	Environmental scientists and specialists, including health	166	86	14	\$24.36	Master's degree
15-1061	Database administrators	146	30	5	\$25.45	Bachelor's degree
27-3042	Technical writers	143	107	18	\$21.21	Bachelor's degree
17-2051	Civil engineers	125	125	21	\$24.66	Bachelor's degree
15-1021	Computer programmers	123	231	39	\$21.20	Bachelor's degree
17-2161	Nuclear engineers	110	86	14	\$47.99	Bachelor's degree
17-2071	Electrical engineers	109	75	13	\$33.57	Bachelor's degree
17-2141	Mechanical engineers	88	91	15	\$27.01	Bachelor's degree
17-2081	Environmental engineers	81	33	5	\$25.69	Bachelor's degree

27-2099	Entertainers and performers, sports and related workers, all other	81	34	6	\$12.03	Long-term on-the-job training
17-2061	Computer hardware engineers	74	36	6	\$35.64	Bachelor's degree
19-2031	Chemists	73	80	13	\$28.71	Bachelor's degree
17-2072	Electronics engineers, except computer	70	57	10	\$34.81	Bachelor's degree
19-1023	Zoologists and wildlife biologists	66	80	13	\$19.14	Bachelor's degree
17-2041	Chemical engineers	60	37	6	\$45.59	Bachelor's degree
29-1031	Dietitians and nutritionists	55	49	8	\$18.04	Bachelor's degree
15-1011	Computer and information scientists, research	50	17	3	\$33.20	Doctoral degree

Source: Economic Modeling Specialists, Inc. - 8/07

Highest Earnings

2006 Highest Paying Occupations



Source: CCbenefits, 2007

SOC Code	Description	Hourly EPW	2007 Jobs	2007 - 2013 Change	Replacement	Education
17-2161	Nuclear engineers	\$47.99	509	110	86	Bachelor's degree
17-2041	Chemical engineers	\$45.59	220	60	37	Bachelor's degree
19-2012	Physicists	\$39.52	67	3	13	Doctoral degree
17-2171	Petroleum engineers	\$38.85	53	1	10	Bachelor's degree
17-2011	Aerospace engineers	\$36.17	335	39	48	Bachelor's degree
17-2061	Computer hardware engineers	\$35.64	380	74	36	Bachelor's degree
19-1021	Biochemists and biophysicists	\$35.50	68	20	11	Doctoral degree
17-2072	Electronics engineers, except computer	\$34.81	500	70	57	Bachelor's degree
15-1032	Computer software engineers, systems software	\$34.28	2,068	697	114	Bachelor's degree
17-2112	Industrial engineers	\$33.84	1,084	204	151	Bachelor's degree
17-2071	Electrical engineers	\$33.57	666	109	75	Bachelor's degree
19-2021	Atmospheric and space scientists	\$33.47	67	11	15	Bachelor's degree
15-1011	Computer and information scientists, research	\$33.20	263	50	17	Doctoral degree
17-2199	Engineers, all other	\$32.87	2,068	303	228	Bachelor's degree
15-2021	Mathematicians	\$32.58	14	1	3	Doctoral degree

17-2111	Health and safety engineers, except mining safety engineers and inspectors	\$32.45	112	13	16	Bachelor's degree
17-2131	Materials engineers	\$32.07	105	18	16	Bachelor's degree
17-2151	Mining and geological engineers, including mining safety engineers	\$31.65	46	1	8	Bachelor's degree
11-3021	Computer and information systems managers	\$31.01	1,476	290	154	Degree plus work experience
15-1031	Computer software engineers, applications	\$30.72	1,985	626	110	Bachelor's degree
19-1029	Biological scientists, all other	\$29.31	329	48	60	Bachelor's degree
15-1051	Computer systems analysts	\$28.83	1,857	441	119	Bachelor's degree
17-2121	Marine engineers and naval architects	\$28.82	35	4	9	Bachelor's degree
19-2031	Chemists	\$28.71	427	73	80	Bachelor's degree
19-2032	Materials scientists	\$27.97	44	9	8	Bachelor's degree
19-2043	Hydrologists	\$27.32	171	30	17	Master's degree
17-2141	Mechanical engineers	\$27.01	577	88	91	Bachelor's degree
17-2031	Biomedical engineers	\$26.27	142	22	14	Bachelor's degree
19-2042	Geoscientists, except hydrologists and geographers	\$25.84	121	10	13	Master's degree
17-2081	Environmental engineers	\$25.69	339	81	33	Bachelor's degree

Source: Economic Modeling Specialists, Inc. - 8/07

*Note: Occupations with fewer than 10 employees are not shown.